

Intelligent Transportation Systems Joint Program Office (ITS JPO)

# ITS Professional Capacity Building Program

## What's New

- Upcoming T3 Webinar Smart Traffic Management: [Lessons from New York City's Midtown in Motion Project](#) (4/18/13)
- [Several training opportunities are available from the Consortium for ITS Training and Education](#)
- So You Think You Can T3?! [Send us your T3 Webinar idea!](#)



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Connected Vehicle  
101 Training at  
the Intelligent  
Transportation  
Society of America  
(ITS America) Annual  
Meeting Pg. 1



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## Connected Vehicle 101 Training at the Intelligent Transportation Society of America (ITS America) Annual Meeting

The USDOT's ITS JPO is offering a Connected Vehicle 101 Workshop at ITS America's 23rd Annual Meeting and Exposition on April 21, 2013, in Nashville, TN. The 3-hour workshop will describe the connected vehicle concept and the status of the USDOT's connected vehicle research program.

The connected vehicle concept leverages the potentially transformative capabilities of wireless technology to enable communication among vehicles, roadside infrastructure, and personal mobile devices. Connected vehicles will ultimately enhance the safety, mobility, and quality of life of all Americans, while helping to reduce the environmental impact of surface transportation.

This vision of a safer, smarter, and greener surface transportation system is closer than once thought possible. Connected vehicles are now moving from research to reality. Several states have already gained valuable experience in what it means to deploy a connected vehicle application in the field through their participation in ITS test beds. In addition, the USDOT's Connected Vehicle Safety Pilot Model Deployment in Ann Arbor, MI, is underway and will provide lessons learned about implementing connected vehicle technology in the real world.

The Connected Vehicle 101 Workshop will report on these ITS test beds and the model deployment. During the workshop, participants will have the opportunity to describe their decision factors and needs concerning the future connected vehicle deployment.

The workshop is open to anyone interested in the USDOT connected vehicle program, including state and local agency staff, the consultants who serve them, and other industry partners. Those with prior knowledge of the connected vehicle program may also benefit from this workshop.

Visit [ITS America's website](#) for more information.

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## Talking Technology and Transportation (T3) Webinar Spotlight: Smart Traffic Management: Lessons from New York City's Midtown in Motion Project

*Date: April 18, 2013*

*Time: 1:00 PM – 2:30 pm ET*

The PCB Program is hosting a T3 webinar on the lessons learned from New York City's Midtown in Motion (MIM) project. Launched in summer 2011, the MIM project was a large-scale and complex yet highly cost-effective deployment. The incremental investment was less than \$2 million.

A joint effort of the New York City Department of Transportation (NYCDOT) and the Federal Highway Administration, the MIM project aims to promote multimodal mobility in the midtown core of Manhattan. The project integrates features of active traffic management (ATM) and the full capabilities of the NYCDOT ITS infrastructure; a recent deployment of advanced solid-state traffic controllers and a comprehensive network of sensors (e.g., video, microwave, and electronic toll collection readers); a wireless communication system; and the New York City traffic control software system, which manages the project.

The ATM component of the MIM project focuses on using a sensor network to: 1) detect developing traffic conditions, 2) present the information to an NYCDOT operator, and 3) respond and recommend signal plan changes to an operator. Adjustments to the allocation of green time aim to alleviate localized intersection congestion. The MIM project's signal-timing measures complement other efforts by the City of New York to improve traffic operations and safety, including turn bays and split phase signals.

The target audience for this webinar includes professionals in traffic management and/or ITS operations with an interest or responsibility in the design and implementation of an ATM process or programs; providers of surface transportation systems; government officials; and any other individuals or entities involved in the design, implementation, or evaluation of ATM strategies.

The webinar will provide instruction on how to:

- Introduce the planning, design, implementation, and operation of an ATM traffic signal operations system to promote multimodal mobility in a highly urban environment.
- Develop a strategy for integrating ATM and adaptive traffic signal control operations to optimize traffic flow, reduce delays and queues, improve air quality, and enhance pedestrian safety.
- Establish a long-term vision and identify incremental steps to capture the vast amounts of data to guide the evolution of an ATM system.

Click [here](#) to register for the webinar.

Can't make the webinar? The PCB Program also offers a [T3 Webinar Archive](#), which includes recordings and playbacks of over 60 past T3 webinars.



## Benefits of PCB Program: From a User Perspective

### *Lisa Burgess Shares Her Experiences*

Lisa Burgess is a Vice President with Kimley-Horn and Associates with over 20 years of experience in ITS planning, ITS operations planning, systems engineering, and traveler information systems. Throughout her career, she has found the PCB Program to be an invaluable resource. Lisa has taken full advantage of the program's training offerings, including participating in various webinars.

Lisa notes that the webinars focus on new and timely topics and information, typically featuring very recent projects/programs or guidance documents and reports. "I like that I can bring in some of my team members to be able to participate and benefit from the information sharing."

Lisa adds that one of the key benefits of the PCB Program is that training is at no cost to states. "With many agencies facing travel restrictions and limited training budgets, the PCB Program provides cost-effective training during fiscally constrained times."

Want to share your experiences with the PCB Program? Click [here](#) to find out how.



## Redesigned PCB Program Website

The ITS PCB website has had a major makeover. The PCB Program has redesigned the site to make it more user friendly and accessible. The old look and layout of the previous site has been replaced with rotating images and content, putting the main resources and news front and center. The new design makes it easier for users to find information.

The new design also brings greater attention to the free learning resources that the PCB Program and its partners offer. This free training is a key component of the PCB Program.

The newly designed site also offers the latest news on upcoming webinars and training opportunities, a T3 webinar archive, a media library, and ways to stay connected through social media, among other resources. The PCB Program is constantly trying to improve the dynamic website based on user needs and preferences.

[Visit the site](#) to find out more about the PCB Program and upcoming training opportunities, and provide feedback and comments on the new design while you're there.